

## INTERNATIONAL SEARCH REPORT

/EP 03/12095

## A. CLASSIFICATION OF SUBJECT MATTER

IPC 7 B32B15/00 B32B18/00 F01D5/00 C25D15/02 C23C4/02  
F01D5/28

According to International Patent Classification (IPC) or to both national classification and IPC

## B. FIELDS SEARCHED

Minimum documentation searched (classification system followed by classification symbols)

IPC 7 B32B F01D C25D C23C

Documentation searched other than minimum documentation to the extent that such documents are included in the fields searched

Electronic data base consulted during the International search (name of data base and, where practical, search terms used)

EPO-Internal

## C. DOCUMENTS CONSIDERED TO BE RELEVANT

| Category * | Citation of document, with indication, where appropriate, of the relevant passages  | Relevant to claim No. |
|------------|---|-----------------------|
| Y          | EP 1 050 663 A (GEN ELECTRIC)<br>8 November 2000 (2000-11-08)<br>figures 2,3; examples 1,2  | 1-4,6,7,<br>9,11-16   |
| A          | US 2002/168537 A1 (JOHNSON ROBERT ALAN ET<br>AL) 14 November 2002 (2002-11-14)<br>paragraphs '0060!-'0073!; figures 2,3           | 1-16                  |
| Y          | US 2002/076571 A1 (JOHNSON ROBERT ALAN ET<br>AL) 20 June 2002 (2002-06-20)<br>paragraphs '0013!,'0022!,'0034!,'0035!;<br>figure 2 | 1-4,6,7,<br>9,11-16   |
| Y          | EP 0 315 122 A (DEUTSCHE FORSCH LUFT<br>RAUMFAHRT) 10 May 1989 (1989-05-10)<br>page 4, line 12-25; claim 1; example 2             | 1-4,6,7,<br>9,11-16   |
|            | ---<br>-/--   |                       |



Further documents are listed in the continuation of box C.



Patent family members are listed in annex.

## \* Special categories of cited documents :

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"P" document published prior to the International filing date but later than the priority date claimed

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"X" document of particular relevance; the claimed invention cannot be considered novel or cannot be considered to involve an inventive step when the document is taken alone

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"&amp;" document member of the same patent family

Date of the actual completion of the international search

30 January 2004

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13/02/2004

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## C.(Continuation) DOCUMENTS CONSIDERED TO BE RELEVANT

| Category * | Citation of document, with indication, where appropriate, of the relevant passages                | Relevant to claim No. |
|------------|---|-----------------------|
| A          | US 6 440 499 B1 (COSACK THOMAS ET AL)<br>27 August 2002 (2002-08-27)<br>the whole document<br>--- | 1-16                  |
| A          | US 5 894 053 A (FRIED REINHARD)<br>13 April 1999 (1999-04-13)<br>the whole document<br>---        | 1-16                  |
| A          | US 5 906 895 A (TAKAHASHI MASASHI ET AL)<br>25 May 1999 (1999-05-25)<br>the whole document<br>--- | 1-16                  |
| A          | EP 0 443 877 A (BAJ LTD)<br>28 August 1991 (1991-08-28)<br>the whole document<br>---              | 1-16                  |
| A          | EP 0 783 043 A (GEN ELECTRIC)<br>9 July 1997 (1997-07-09)<br>the whole document<br>-----          | 1-16                  |

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| Patent document<br>cited in search report |    | Publication<br>date | Patent family<br>member(s) | Publication<br>date |
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